

**PERMIT APPLICATION:** NRS #05-307

**APPLICANT:** Kenneth C. York, City Administrator  
City of Spring Hill  
P.O. Box 789  
Spring Hill, TN 37174  
(931) 486-2252

**LOCATION:** Project begins at State Route 31 on the north side of Spring Hill crosses Duplex Road and ties into Old Kedron Road. Unnamed tributary, Mile 0.3, to McCutheon Creek. Spring Hill.

**WATERSHED DESCRIPTION:** Surrounding land use is agricultural and residential. The proposed wetland to be impacted is hydrologically connected to adjacent streams and spring. The wetlands are primarily wooded dominated by green ash, sycamore and boxelder.

**PROJECT DESCRIPTION:** The applicant proposes to construct a new road to connect State Route 31 to Old Kedron Road. Land clearing has previously occurred for the right of way. The City has ceased all activities and is now applying for a permit. The construction will require the placement of fill in four wetlands areas totaling 1.32 acres. Both onsite and offsite mitigation is proposed. Onsite mitigation shall consist of the preservation of 1.83 acres (10:1 ratio/ 0.18 credit) and the restoration of 0.76 acres (2:1 ratio/ 0.38 credit). This will provide 0.56 credits to offset the 1.32 acres of impact. The remaining compensatory wetland credits required will be through the purchase/ debit of 1.52 credits from the Harpeth Wetland Mitigation Bank in Williamson County. Approximately 0.7 acres of wetland will be temporarily impacted. After construction, these areas will be restored to their original contours and replanted with trees. This area as well as the restoration site will be planted with seedlings on ten foot centers. An equal number of pin oak, water oak and red maple will be planted intermixed with winterberry and silky dogwood.

Approximately 346 linear feet of a meandering unnamed tributary to McCutheon Creek was relocated into a 300 linear foot straight channel without permit authorization. To compensate for the loss of stream resource values and 46 linear feet of channel the applicant proposes in-stream habitat improvements on the 300 linear foot segment, planting of a stream buffer, enhancement 1 activities on 273 linear feet under the stream mitigation guidelines, preservation of 600 linear feet of the upper section of the unnamed tributary and other mitigative features as depicted on the plans labeled, "Mitigation Potential", in this notice.

In addition a spring box shall be constructed over a significant spring and then conveyed via a pipe out under the road fill into the existing channel.

**ARAP #05-307**  
**CITY OF SPRING HILL**  
**PAGE 2.**

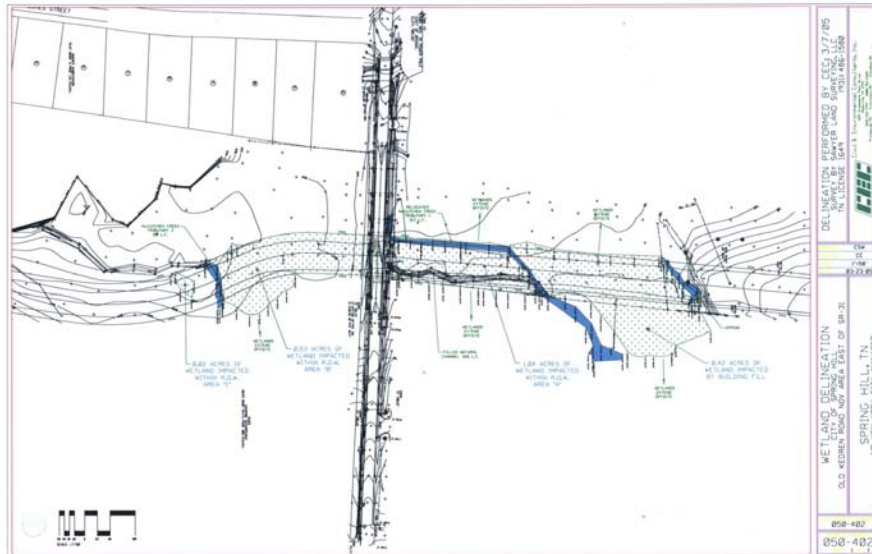
The applicant shall monitor the wetland and stream mitigation for five years with success criteria attached as conditions to the permit.

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06, the division has determined that the proposed activity will not result in degradation to water quality.

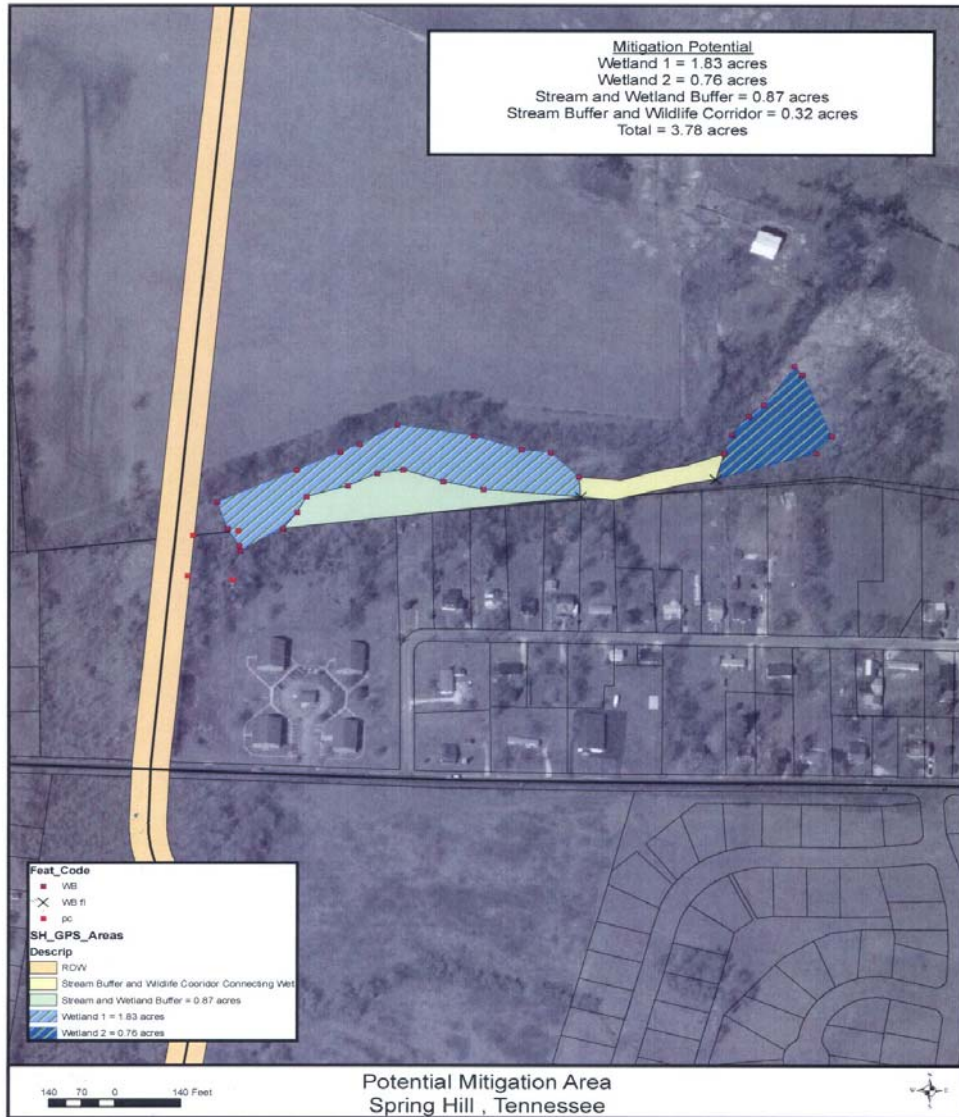
**PERMIT COORDINATOR:** Mike Lee

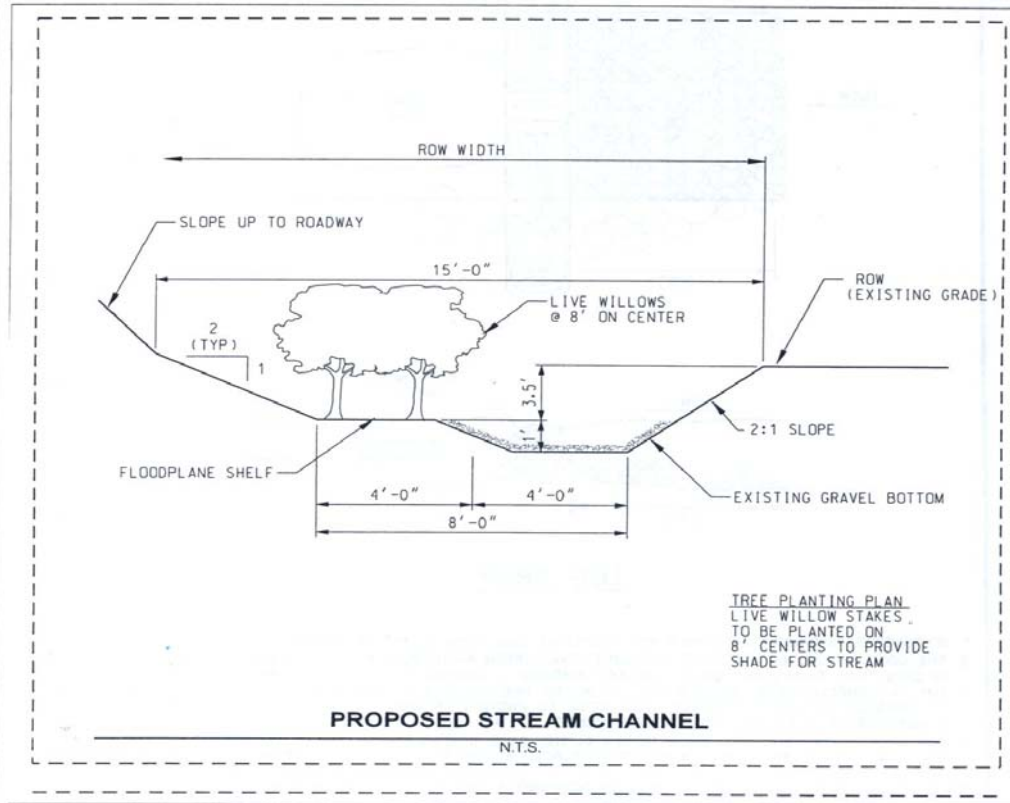
**TOPOGRAPHICAL QUADRANGLE:** Spring Hill 63 SW





...1050-402 spring hill nov area\_w Aug. 11, 2005 08:06:53





FILE NO. 200500861  
PN 05-96

